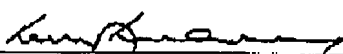


NOV 19 2007

<b>CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)</b>			Docket No. <b>040670-US</b>
Applicant(s): <b>Danziger</b>			
Application No. <b>10/520,366</b>	Filing Date <b>6 January 2005</b>	Examiner <b>Dahmene, Mumoud</b>	Group Art Unit <b>5933</b>
Invention: <b>Method and System for Processing Carrier Materials by Heavy Ion Irradiation...</b>			
<p>I hereby certify that this <u>Amendment dated 15 October 2007, 20 Claims and Two Subst. Specifications</u>  <small>(Identify type of correspondence)</small></p> <p>is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. <u>571.273.8300</u>)</p> <p>on <u>19 November 2007</u>  <small>(Date)</small></p> <div style="text-align: right; margin-top: 20px;"> <u>Karl Hormann</u>  <small>(Typed or Printed Name of Person Signing Certificate)</small>    <small>(Signature)</small> </div>			
<p><b>Note: Each paper must have its own certificate of mailing.</b></p>			
<p><input checked="" type="checkbox"/> <b>First Transmission: Amendment, Cover Sheet, Claims, Post Card Receipt</b></p> <p><input type="checkbox"/> <b>Second Transmission: First Substitute Specification</b></p> <p><input type="checkbox"/> <b>Third Transmission: Second Substitute Specification</b></p>			

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**NOV 19 2007**

**IN THE UNITED STATES PATENT & TRADEMARK OFFICE**

Application No.: 10/520,366

Filed: 8 January 2005

By: Danziger, Manfred

For: Method and System for Processing

Carrier Materials by Heavy Ion Irradiation  
and Subsequent Etching

Examiner: Dahimene, Mahmoud

Art Unit: 1765

Confirmation No.: 5933

P.O. Box 381516  
Cambridge MA 02238-1516  
19 November 2007

Hon.  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

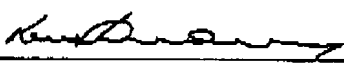
**Letter**

Sir:

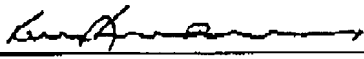
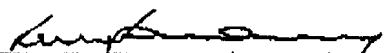
On 16 October 2007, the day after my telephone conference with Miss Norton and Mr Dahimene, I sent to the Patent Office, under a Certificate of First Class Mailing and with a post card receipt the papers annexed hereto.

These papers are being provisionally submitted again in view of the fact that the post card receipt has not been returned to date.

Respectfully submitted,

  
Karl Hormann  
Registration No.: 26,470  
Customer No.: 30,247

Area Code 617.491.8867  
Enclosures

<b>AMENDMENT TRANSMITTAL LETTER (Small Entity)</b>				Docket No. <b>040670-US</b>	
Applicant(s): <b>Danziger</b>					
Application No. <b>10/520,366</b>	Filing Date <b>6 January 2005</b>	Examiner <b>Dahimene, Mamoud</b>	Customer No. <b>30,234</b>	Group Art Unit <b>1765</b>	Confirmation No. <b>5933</b>
Invention: <b>Method and System for Processing Carrier Materials by Heavy Ion Irradiation and Subsequent Etching</b>					
<u>COMMISSIONER FOR PATENTS:</u>			<b>RECEIVED CENTRAL FAX CENTER NOV 19 2007</b>		
Transmitted herewith is an amendment in the above-identified application.					
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27					
The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	20	20	0	x \$25.00	\$0.00
INDEP. CLAIMS	2	3	0	x \$100.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>					<b>\$0.00</b>
<input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. <input type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. <input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached. <b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b>					
 _____ <i>Signature</i> <b>Karl Hormann</b> Registration No.: 26,470 Area Code 617.491.8867			Dated: 16 October 2007 <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">             I certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on              16 October 2007              _____              (Date)                _____  <i>Signature of Person Mailing Correspondence</i>  <b>Karl Hormann</b>              _____  <i>Typed or Printed Name of Person Mailing Correspondence</i> </div>		
cc:					

P118MAL/REV09

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Attorney Docket: 040670-US  
Application No.:10/520366 Patent No.:  
Filed: 6 January 2005 Issued:  
Inter'l. Application No.:  
Inter'l. Filing Date:

The stamp of the Patent & Trademark Office hereon may be taken  
as acknowledging the receipt, on the date stamped, of

Amendment in Response to Telephone Conference  
on 15 October 2007

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NOV 19 2007

**IN THE UNITED STATES PATENT & TRADEMARK OFFICE**

Application No.: 10/520,366

Filed: 6 January 2005

By: Danziger, Manfred

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Carrier Materials by Heavy Ion Irradiation  
and Subsequent Etching

Examiner: Dahimene, Mahmoud

Art Unit: 1765

Confirmation No.: 5933

P.O. Box 381516  
Cambridge MA 02238-1516  
15 October 2007Hon.  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450**Amendment**

Sir:

This is in pursuance of the telephone interview this afternoon graciously granted Applicant's attorney by Supervisory Patent Examiner Nadine Norton and Examiner Mahmoud Dahimene. Applicant wishes to express his appreciation for having been offered an opportunity to discuss what he considers to be mainly linguistic changes sought to be introduced by his previous amendment and regrets that it was not possible to overcome Examiner Dahimene's holding of applicant's previous changes having introduced new matter. Applicant's attorney accordingly requested that the changes which were to be entered by his amendment of 23 November 2006 and alleged by Examiner Dahimene to introduce new matter be ignored, and sought leave to address this matter in a new submission.

Applicant's attorney does, however, deem it appropriate to repeat his request for certain changes to the originally submitted translated specification as hereafter set forth. To the extent these changes relate to formal matter, they aim at putting the specification into a format believed to comply with American patent prosecution standards. A few other changes clearly and unambiguously relate to the elimination of typographical and syntactical errors.